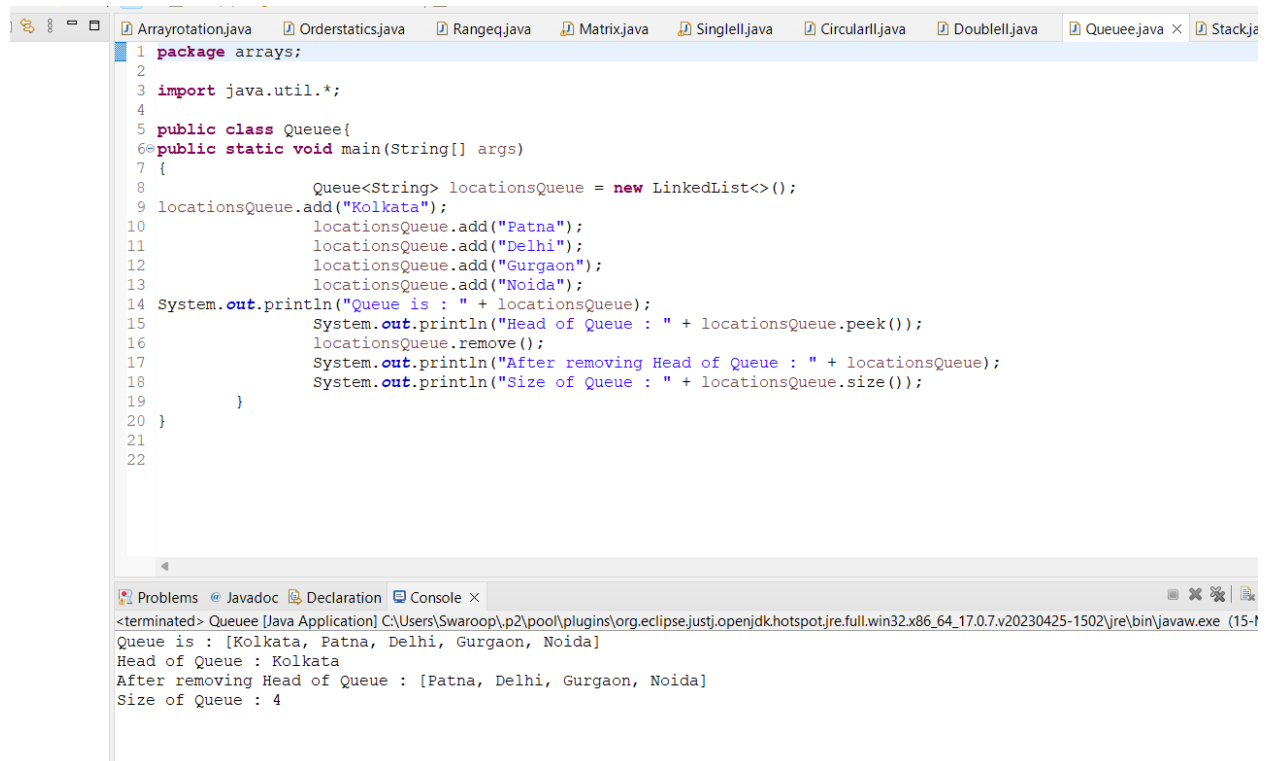


Problem Statement-9

```
package arrays;
import java.util.*;
public class Queuee{
public static void main(String[] args)
{
    Queue<String> locationsQueue = new LinkedList<>();
locationsQueue.add("Kolkata");
    locationsQueue.add("Patna");
    locationsQueue.add("Delhi");
    locationsQueue.add("Gurgaon");
    locationsQueue.add("Noida");
System.out.println("Queue is : " + locationsQueue);
    System.out.println("Head of Queue : " +
locationsQueue.peek());
    locationsQueue.remove();
    System.out.println("After removing Head of Queue : " +
locationsQueue);
    System.out.println("Size of Queue : " +
locationsQueue.size());
}
}
```



The screenshot shows an IDE with a tab for 'Queuee.java' containing the Java code. Below the code editor, the 'Console' tab is active, displaying the output of the program. The output shows the initial queue state, the head element, the removal of the head, the updated queue state, and the final size of the queue.

```
1 package arrays;
2
3 import java.util.*;
4
5 public class Queuee{
6 public static void main(String[] args)
7 {
8     Queue<String> locationsQueue = new LinkedList<>();
9 locationsQueue.add("Kolkata");
10 locationsQueue.add("Patna");
11 locationsQueue.add("Delhi");
12 locationsQueue.add("Gurgaon");
13 locationsQueue.add("Noida");
14 System.out.println("Queue is : " + locationsQueue);
15     System.out.println("Head of Queue : " + locationsQueue.peek());
16     locationsQueue.remove();
17     System.out.println("After removing Head of Queue : " + locationsQueue);
18     System.out.println("Size of Queue : " + locationsQueue.size());
19 }
20 }
21
22
```

Problems Javadoc Declaration Console ×

<terminated> Queuee [Java Application] C:\Users\Swaroop\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_17.0.7.v20230425-1502\jre\bin\javaw.exe (15-1

Queue is : [Kolkata, Patna, Delhi, Gurgaon, Noida]
Head of Queue : Kolkata
After removing Head of Queue : [Patna, Delhi, Gurgaon, Noida]
Size of Queue : 4